

What is claimed is:

1. An adjustable laser module, comprising:
a main body having a hollow interior, a first end and a second end;
a laser generator provided in the hollow interior at the first end for emitting a
5 laser beam;
a cylindrical lens provided in the hollow interior at the second end; and
an adjusting device coupled to the first end and the laser generator for
adjusting the angle of the laser generator with respect to the main body.
- 10 2. The module of claim 1, further including a convex lens positioned in the
hollow interior between the cylindrical lens and the laser generator.
3. The module of claim 1, wherein the adjusting device comprises a slot
formed in the main body adjacent to but spaced apart from the first end, and at least
15 one bolt extending through a part of the first end of the main body and the slot at an
orientation perpendicular to the slot.
4. The module of claim 3, wherein the slot defines a space, with the first
end tilted into the space of the slot when the at least one bolt is adjusted.
- 20 5. The module of claim 1, when the angle of the first end is adjusted with
respect to the remainder of the main body.
6. An adjustable laser module, comprising:
25 a main body having a hollow interior, a first end and a second end;
a laser generator provided in the hollow interior at the first end for emitting a
laser beam;
a cylindrical lens provided in the hollow interior at the second end; and
an adjusting device coupled to the second end and the lens for adjusting the
30 angle of the lens with respect to the main body.
7. The module of claim 6, further including a convex lens positioned in the
hollow interior between the cylindrical lens and the laser generator.

8. The module of claim 6, wherein the adjusting device comprises a slot formed in the main body adjacent to but spaced apart from the second end, and at least one bolt extending through a part of the second end of the main body and the slot at an orientation perpendicular to the slot.

9. The module of claim 8, wherein the slot defines a space, with the second end tilted into the space of the slot when the at least one bolt is adjusted.

10. The module of claim 6, when the angle of the second end is adjusted with respect to the remainder of the main body.

11. An adjustable laser module, comprising:
a main body having a hollow interior, a first end and a second end;
a laser generator provided in the hollow interior at the first end for emitting a laser beam;
a cylindrical lens provided in the hollow interior at the second end;
a first adjusting device coupled to the first end and the laser generator for adjusting the angle of the laser generator with respect to the main body; and
a second adjusting device coupled to the second end and the cylindrical lens for adjusting the angle of the cylindrical lens with respect to the main body.

12. The module of claim 11, further including a convex lens positioned in the hollow interior between the cylindrical lens and the laser generator.

13. The module of claim 11, wherein the first adjusting device comprises a slot formed in the main body adjacent to but spaced apart from the first end, and a bolt extending through a part of the first end of the main body and the slot at an orientation perpendicular to the slot.

14. The module of claim 13, wherein the slot is a first slot, and the bolt is a first bolt, wherein the second adjusting device comprises a second slot formed in the main body adjacent to but spaced apart from the second end, and a second bolt extending through a part of the second end of the main body and the second slot at an orientation perpendicular to the second slot.

15. The module of claim 11, wherein the first adjusting device comprises a plurality of bolts extending radially inwardly through the main body to contact the laser generator.

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16. The module of claim 13, wherein the slot defines a space, with the first end tilted into the space of the slot when the at least one bolt is adjusted.

17. The module of claim 11, when the angle of the first end is adjusted with respect to the remainder of the main body.

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